		Fluid Height			Estimated Gallons of		Gallons and/or Tons
Tank ID	Radius	on May 2011	<u>Pi</u>	Tank Height	Liquid on May 2011	Comments - Tank conditions / changing volumes after additional work	(bottoms in place)
East Tanks w/Activity under way on 9/2/2011	itaaias	OH Way 2011	<u> </u>	Tunk Height	Liquid Oil Way 2011	Comments Tunk conditions / Changing volumes areer additional work	(Bottoms in place)
Last rains w/Activity under way on 5/2/2011						SEE FOOTNOTE ON ESTIMATES; Fluid height is 1.5" at sidewalls; hard 10"	-
27	53.89	3.08	3.141592654	40	210,193	heel at center (~419 bbls or 17,600 gallons) on 9/14/11.	~88 tons sludge on 9/15/11
21	33.89	3.08	3.141392034	40	210,133	11-21 at center (413 bbis of 17,000 ganons) on 3/14/11.	1,517,121 gallons liquids &
26	53.89	7.41	3.141592654	40	505,692	Fluid height is 22'2-3/4" (36,112 bbls or 1,517,121 gallons vol) on 9/15/11	sludge on 9/15/11
20	33.69	7.41	3.141392034	40	initial estimate not	Removed 400,000 gal to Tank 26; Method to estimate volumes will be	studge off 9/15/11
10	N1/A	N1 / A	2 4 4 4 5 0 2 6 5 4	40			× 200 tons sludge on 0/2/11
10	N/A	N/A	3.141592654	40	available	revised.	~ 200 tons sludge on 9/2/11
Larger Tanks NW of FM 2725 /Bishop Rd intersection							
						Danie and 1050 kbls of water to Toul 7, On 0/45/44 was and array 250 kbls	Tank bas basa dan akabad
					105 100	Removed 1850 bbls of water to Tank 7. On 8/15/11 moved appx 350 bbls	Tank has been demolished;
2	25	7.25	3.141592654	24	106,480	of water / emulsion to Tank 26	steel has been recycled.
							280,653 gal liquid; sludge
							uncertain - tank has floating
7	23.66	7.5	3.141592654	32	98,660	Currently stands at appx 21'-4" (6682 bbls or 280,653 gallons) on 8/15/11	roof.
Tanks centrally located on the Refinery site							
						Currently ~ 10 inches (3400 bbls or 142,800 gal water w/residual TPH on	142,800 gallons water &
30	85	3.5	3.141592654	N/A	594,234	top of water. Water should be clean.	residual TPH on bottom
24	16.66	1	3.141592654	32	6,522	contains 2 to 3" (39 bbls)of water	1,637 gallons water
20	16.66	32.16	3.141592654	32	209,758	Currently 12 to 14" (7,609 gallons) of caustic sludge	40 tons caustic sludge
					·	< 6' (39,000 gal or 931 bbls) water / rust-fltg roof on bottom; removed 210	9
22	16.66	N/A	3.141592654	32		bbl as wash water for Tank 27.	~30,000 gallons water
		,	0.1.1203200.				0.5 to 1' rust w/collapsed
23	16.66	0.29	3.141592654	32	1,891	holes in tank	roof
19	16.66	N/A	3.141592654	32	1,031	holes in tank quantities uncertain as man way difficult to remove	11 to 15 tons of solids
18	16.66	0.375	3.141592654	32	2,446	tank is rusty and contains holes	tank is empty
10	10.00	0.575	3.141392034	32	2,440	talik is rusty and contains noies	talik is empty
21	16.66	4.5	2 4 44 5 0 2 6 5 4	22	20.250		
21	16.66	4.5	3.141592654	32	29,350	4.511/40.111 045 1) 6.1 1	3" to 4" of rust & sediment
17	16.66	1	3.141592654	32	6,522	1.5" (19 bbl or 815 gal) of sludge	4 tons sludge
Small Tank South of Tanks 17 - 24 activity on 9/2/2011	T	T	<u> </u>	T			
							assume 12" of solids (10
Y1	9.5	6	3.141592654	10.25	12,725	12,725 gallons / uncertain quantity of bottoms.	tons)
Small Tanks NW of Tanks 17-24							
n2	6	5	3.141592654	15.41	4,230	could not gauge, fluid level based on audio	assume 12" of solids (5 tons)
n1	6	15	3.141592654	15.41	12,690	could not gauge, fluid level based on audio	assume 12" of solids (5 tons)
Small Tanks NW of FM 2725 /Bishop Rd intersection	+						
							Assume 24" of solids (18
X1	9	2	3.141592654	21	3,807	BS&W - Tank tops will be removed to 3' from ground surface on 9/16/2011	tons)
					,	· · ·	Assume 24" of solids (18
X2	9	2	3.141592654	21	3,807	BS&W - Tank tops will be removed to 3' from ground surface on 9/16/2011	tons)
712		_	5.1.133 2 03+		3,30.	BS&W is 2" to 3" sludge (240 gal or 5.7 bbl); top was removed; 3" wall to	
X3	7	2	3.141592654	16	2,303	floor remain.	1 ton on floor; 9/15/11
٨٥	,		3.141332034	10	2,303	noor remain.	1 ton on noon, 3/13/11
			Tatal	Callons	1 001 202 52	Tanke V1 V2 and V2 not in total because the liquid is DC0 W	
Supplied Oil Touks			Total G	14110115	1,801,393.52	Tanks X1, X2, and X3 not in total because the liquid is BS&W	
Superior Oil Tanks	44 50	F		40		Tank has a saw hattan and halve a sale of the Co.	
	14 50	Empty		40		Tank has a new bottom and being repaired by Superior	
	13 61	??		48		Has been repaired by Superior	
	12 61	Empty		48		Currently empty with manway off tank.	
Notes							
red - tank has been demolished.							
blue - tank is ampty / ready to be demolished							

blue - tank is empty / ready to be demolished.

green - tank contents are profiled or being removed.
violet - tanks are scheduled for shearing / removal of contents on Sept 16 & 19, 2011.

Currently the fluid height is 1.5" at sidewalls: There exists a hard 10"		on is 7 loads remain @ 70hhls /loa	ad (490 hbls or 20 000 gallons) on 9/16/11. The estimate earlier this	
[Currently the fluid height is 1.5" at sidewalls; There exists a hard 10"	neel at the center. The assumption	on is 7 loads remain @ 70bbls /loa	id (490 bbls or 20,000 gallons) on 9/16/11. The estimate earlier this	